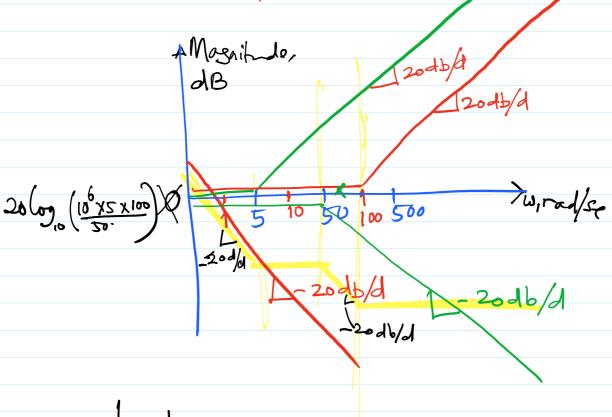
Draw the Bode plot (Magnitude and phase of the following transfer function

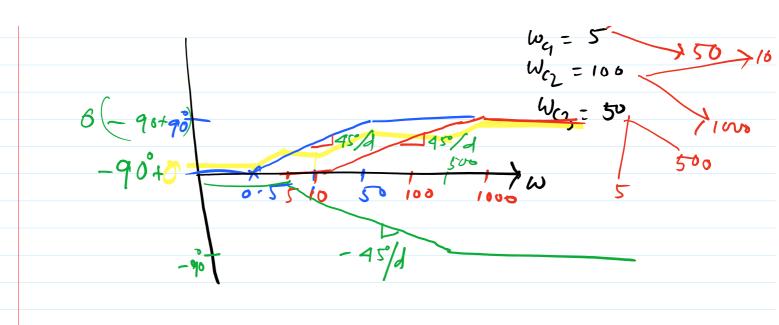
 $T(3) = \frac{10^{6}(5+5)(5+100)}{5(5+50)}$ 



 $\omega = 1$   $\omega = 0$   $\omega = 0.1$   $\omega = 0.1$   $\omega = 0.1$   $\omega = 0.1$ 

 $w_{q} = 5$   $w_{q} = 5$   $w_{q} = 5$ 

w= 60 Word/se



$$T(S) = 10^{6} 5 (1 + \frac{1}{5}) 100 (1 + \frac{1}{100})$$

$$= \frac{10^{6} \times (1 + \frac{1}{5})}{50} (1 + \frac{1}{50})$$

$$= \frac{10^{6} \times 1000}{50} \times \frac{(1 + \frac{1}{5})}{50} (1 + \frac{1}{50})$$

$$= \frac{10^{6} \times 1000}{50} \times \frac{60}{50}$$

$$= \frac{10^{6} \times 1000}{50} \times \frac{60}{50}$$

$$= \frac{10^{6} \times 1000}{50} \times \frac{60}{50}$$